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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 5

Complete If Known

Application Number	10/705,470
Filing Date	November 10, 2003
First Named Inventor	Robert L. Fair et al.
Group Art Unit	2184
Examiner Name	Not yet assigned
Attorney Docket Number	112056-0123

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
(D)		10/027,634		EDWARDS et al.		U.S. Patent Application filed December 21, 2001 entitled FILE SYSTEM DEFAGRAGMENTATION TECHNIQUE VIA WRITE ALLOCATION
(D)		10/215,917		PAWLOWSKI et al.		U.S. Patent Application filed August 9, 2002 entitled MULTI-PROTOCOL STORAGE APPLIANCE THAT PROVIDES INTEGRATED SUPPORT FOR FILE AND BLOCK ACCESS PROTOCOLS
(D)		10/705,493		HAMILTON et al.		U.S. Patent Application filed November 10, 2003 entitled SYSTEM AND METHOD FOR MANAGING FILE DATA DURING CONSISTENCY POINTS
(D)		10/705,025		HAMILTON et al.		U.S. Patent Application filed November 10, 2003 entitled SYSTEM AND METHOD FOR MANAGING FILE METADATA DURING CONSISTENCY POINTS
		6,571,261	B1	WANG-KNOP et al.	05-27-2003	
		6,397,311	B1	CAPPS	05-28-2002	
		6,643,654	B1	PATEL et al.	11-04-2003	
		5,963,962		HITZ et al.	10-05-1999	
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		5,931,918		ROW et al.	08-03-1999	
		5,941,972		HOESE et al.	08-24-1999	

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				

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4/10/06

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		Number	Kind Code ² (if known)			
		6,065,037		HITZ et al.	05-16-2000	
		US2002/011 6593	A1	KAZAR et al.	08-22-2002	*
		US2002/011 2022	A1	KAZAR et al.	08-15-2002	
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		4,843,541		BEAN et al.	06-27-1989	
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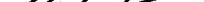
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				Examiner Name	Not yet assigned
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Examiner Signature  **Date Considered** 4/10/26

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

4

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First Named Inventor	Robert L. Fair et al.
Group Art Unit	2184
Examiner Name	Not yet assigned

Attorney Docket Number

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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		"NETWORK APPLIANCE ENDS NAS/SAN WAR" by COMPUTERWIRE, http://www.theregister.co.uk/content/63/27368.html ; posted on February 10, 2002	
		DAVID HITZ et al. TR3002 File System Design for a NFS File Server Appliance published by Network Appliance, Inc.	
		Common Internet File System (CIFS) Version: CIFS-Spec 0.9, Storage Networking Industry Association (SNIA), Draft SNIA CIFS Documentation Work Group Work-in-Progress, Revision Date: 3/26/2001	
		Fielding et al. (1999) Request for Comments (RFC) 2616, HTTP/1.1	
		Celerra File Server Architecture for High Availability, EMC2 where information lives, August 1999, pp. 1-7.	
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		Auspex Systems, LFS - A Local File System for Multiprocessor NFS Network Servers, 1994	
		Maintenance Procedures ND (8C) nd-network disk control February 1985	
		Misc. Reference Manual Pages ND (4P) nd-network disk driver 26 July 1985	
		Asante EN/SC Adapter Family Installation Guide May 1994	

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Sheet	5	of	5	Attorney Docket Number	
112056-0123					

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

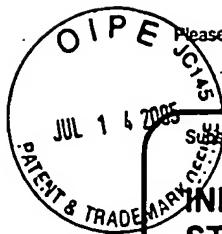
Examiner Initials		Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
(A)			Asante Desktop EN/SC Adapters User's Manual April 1996	
			Performance Without Compromise: The Virtual Storage Architecture 1997	
			CALLAGHAN B. "NFS Version 3 Protocol Specification", Request for Comments (RFC) 1813 June 1995	
(A)			International Search Report PCT/US03/23597, 03-09-2004, 7 pages, International Searching Authority, Alexandria, Virginia, USA	
			International Search Report PCT/US03/23597, 04-14-2004, 8 pages, International Searching Authority, Alexandria, Virginia, USA	

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		Number	Kind Code ² (if known)			
CJ	1	4,570,217		Allen et al.	02-11-1986	
CJ	2	5,163,131		Row et al.	11-10-1992	
CJ	3	5,202,979		Hillis et al.	04-13-1993	
CJ	4	5,278,979		Foster et al.	01-11-1994	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

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CJ	7	CHAUDHURI, SURAJIT, ET AL., <i>Self-Tuning Technology in Microsoft SQL Server</i> , Data Engineering Journal 22, 2 1999 pp. 20-27.
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CJ	12	HECHT, MATTHEW S., ET AL. <i>Shadowed Management of Free Disk Pages with a Linked List</i> , ACM Transactions on Database Systems, 8/4, December 1983, pp. 503-514.
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	15	HOWARD, JOHN, H. ET AL., <i>Scale and Performance in a Distributed File System</i> , ACM Trans. Computer System, 6(1), Feb. 1988 pp. 51-81.	
	16	KAZAR, MICHAEL LEON, <i>Synchronization and Caching Issues in the Andrew File System</i> , Carnegie Mellon University, CMU-ITC-88-063.	
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	18	KEMPER, ALFONS, ET AL., <i>Performance Tuning for SAP R/3</i> , Data Engineering Journal 22, 2 1999 pp. 33-40.	
	19	KENT, JACK ET AL., <i>Optimizing Shadow Recovery Algorithms</i> , IEEE Transactions on Software Engineering, 14(2): 155-168, February 1988.	
	20	KISTLER, ET AL., <i>Disconnected Operation in the Coda File System</i> , ACM Transactions on Computer Systems, Vol. 10, No. 1, February 1992, pp 3-25.	
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	27	ROSENBLUM, MENDEL, ET AL., <i>The LFS Storage Manager</i> , Computer Science Division, Electrical Engineering And Computer Sciences, Univ. of CA, presented at Summer '90 USENIX Technical Conference, Anaheim, CA June 1990.		
	28	ROSENBLUM, MENDEL, ET AL. <i>The Design and Implementation of a Log-Structured File System</i> July 24, 1991 pp1-15.		
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Z	38	ZAYAS, EDWARD R., <i>AFS-3 Programmer's Reference: Architectural Overview</i> , Transarc Corporation, Pittsburgh, PA, 1.0 edition 1991.		

Examiner Signature		Date Considered	4/10/06
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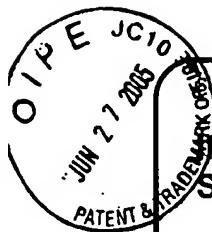
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	10/705,470	
		Filing Date	November 10, 2003	
		First Named Inventor	Robert L. Fair et al.	
		Group Art Unit	2184	
		Examiner Name	Not yet assigned	
Sheet	1	of	5	
			Attorney Docket Number	112056-0123

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
C	1	Re. 34,100		Hartness	10-13-1992	
	2	4,156,907		Rawlings, et al.	05-29-1979	
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				Group Art Unit	2184
				Examiner Name	Not yet assigned
Sheet	2	of	5	Attorney Docket Number	112056-0123

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS					
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
(1)	20	Administration Guide found at http://www.openafs.org/pages/doc/AdminGuide/auagd010.htm , visited on 3/2/2005			
	21	BASILICO, ET AL., <i>Error Correction System Using "Shadow Memory,"</i> IBM Technical Disclosure Bulletin, May 1984, pp. 5792-5793			
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		Filing Date	November 10, 2003
		First Named Inventor	Robert L. Fair et al.
		Group Art Unit	2184
		Examiner Name	Not yet assigned
Sheet	3	of	5
		Attorney Docket Number	112056-0123

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(A)	35	HOWARD, JOHN H, ET AL. <i>Scale and Performance in a Distributed File System</i> , Carnegie Mellon University, CMU-ITC-87-068, Aug. 5, 1987	
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				Filing Date	November 10, 2003
				First Named Inventor	Robert L. Fair et al.
				Group Art Unit	2184
				Examiner Name	Not yet assigned
Sheet	4	of	5	Attorney Docket Number	112056-0123

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<i>Q</i>	53	OUSTERHOUT, JOHN, <i>A Brief Retrospective On The Sprite Network Operating System</i> , found at http://www.cs.berkeley.edu/projects/sprite/retrospective.html visited on 3/11/2005			
<i>Q</i>	54	PATTERSON, D., ET AL., <i>A Case for Redundant Arrays of Inexpensive Disks (RAID)</i> , Technical Report, CSD-87-391, Computer Science Division, Electrical Engineering and Computer Sciences, University of California at Berkeley (1987)			
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<i>Q</i>	56	PETERSON, ZACHARY NATHANIEL JOSEPH, <i>Data Placement for Copy-on-Write Using Virtual Contiguity</i> , University of CA, Santa Cruz, Master of Science in Computer Science Thesis, September 2002			
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<i>Q</i>	58	Redundant Array of Independent Disks, from Wikipedia, the free encyclopedia, found at http://en.wikipedia.org/wiki/RAID visited on 3/9/2005			
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Examiner Signature	<i>LS</i>		Date Considered	4/10/06	

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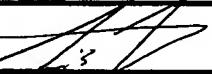
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(L)	61	ROSENBLUM, MENDEL, ET AL., <i>The Design and Implementation of a Log-Structured File System</i> July 24, 1991 pp1-15.		
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